



City of San Diego

*Environmental Services Department*

# **Distributed Generation Workshop**

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## Topics

- Summary of Distributed Generation Activity
- Net Metering Projects
- Aggregation of Load
- Tariff Barriers
- Net Metering Cap





## **Distributed Generation**

- Miramar Landfill Gas Generation
- Point Loma Wastewater – Gas Utilization
- Point Loma Wastewater – Hydroelectric
- Photovoltaic Systems
  - Ridgehaven 54 KW
  - MOC III 30 KW
  - Miramar Ops 65 KW
  - Police HQ 30 KW



## **Aggregation of Load**

- Additional Distributed Generation from closed landfills
- Large Acreage for Photovoltaic Systems
- Hydroelectric potential in water transport
- Solar for water pumping





## Tariff Barriers

- Hybrid Systems need a new tariff
  - Allow Photovoltaic net meter component
- Generation Metering costs
  - Rule 21 interaction
- Demand Charge Components
  - Peak demand reduced
  - Non-coincident demand increased
- Master Meter Locations
  - Allow Photovoltaic net meter component



# Net Metering Cap

- SDG&E First to Reach Cap
- Regional goal of 50 MW Cap is 19 MW
- Growth indicates potential for reaching CAP in two years.

